

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Catherine Lin-Hindel	Confirmation No.:	8086
Serial No.:	09/631,238	Art Unit:	3625
Filed:	August 2, 2000	Examiner:	Robert Pond
For:	<i>System and Method for Constructing and Displaying Active Virtual Reality Cyber Malls, Show Rooms, Galleries, Stores, Museums, and Objects Within</i>	Attorney Docket No.:	101156-5007-US (formerly LH013)
		Date:	March 27, 2009

PROPOSED CLAIMS FOR DISCUSSION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The enclosed a proposed set of claims for the above identified patent application.

Should the Examiner find these claims acceptable, the Examiner is authorized to enter these claims as an Examiner's Amendment. The Commissioner is hereby authorized to charge any required fee(s) to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 101156-5007-US).

IN THE CLAIMS:

Cancel claims: 1 - 30.

Please add new claims and amend claims shown below:

- ~~31.~~ (Withdrawn) A computer-implemented method, comprising:
- displaying a virtual scene corresponding to a physical scene including a plurality of first objects, wherein the virtual scene is built from a plurality of images representing different views of the physical scene;
  - enabling a user to navigate within the virtual scene and observe the virtual scene from one or more perspectives of the different views;
  - displaying a selectable object within the virtual scene corresponding to one of the first objects;
  - upon receiving a selection of the selectable object, displaying additional information related to the selectable object, wherein the additional information is at least one of: a plurality of graphical images of the selectable object, an enlarged still image of the selectable object, a photograph of the selectable object, a virtual reality presentation of the selectable object, a video of the selectable object, an audio description of the selectable object, a textual description of the selectable object, a link to buy the selectable object, and a link to bid on the selectable object; and
  - electronically mailing at least a portion of the displayed additional information related to the selectable object to a third party.
- ~~32.~~ (Withdrawn) The computer-implemented method of claim 31, wherein at least one of the plurality of images is a virtual reality shot.
- ~~33.~~ (Withdrawn) The computer-implemented method of claim 31, wherein at least one of the plurality of images is a video frame.
- ~~34.~~ (Withdrawn) The computer-implemented method of claim 31, wherein the selectable object is indexed by an area that the selectable object occupies in an image containing the selectable object.
- ~~35.~~ (Withdrawn) The computer-implemented method of claim 34, wherein the user selects the selectable object by clicking within the area that the selectable object occupies.

- ~~36.~~ (Currently Amended) The computer-implemented method of claim ~~[[31]]~~ 45, wherein each image has a unique image address.
- ~~37.~~ (Currently Amended) The computer-implemented method of claim ~~[[31]]~~ 45, wherein the selectable object has a unique identification.
- ~~38.~~ (Withdrawn) A computer-implemented method, comprising:
- displaying a virtual scene corresponding to a physical scene including a plurality of first objects, wherein the virtual scene is built from a plurality of images representing different views of the physical scene;
  - enabling a user to navigate within the virtual scene and observe the virtual scene from one or more perspectives of the different views;
  - displaying command buttons operable to enable a virtual reality user to scroll left, right, up, and down, and zoom-in and zoom-out within one of the plurality of images;
  - displaying a selectable object within the virtual scene corresponding to one of the first objects;
  - upon receiving a selection of the selectable object, displaying additional information related to the selectable object, wherein the additional information is at least one of: a plurality of graphical images of the selectable object, an enlarged still image of the selectable object, a photograph of the selectable object, a virtual reality presentation of the selectable object, a video of the selectable object, an audio description of the selectable object, a textual description of the selectable object, a link to buy the selectable object, and a link to bid on the selectable object.
- ~~39.~~ (Withdrawn) The computer-implemented method of claim 38, further comprising, receiving a selection of the link to buy the selectable object, and thereafter allowing the user to buy the selectable object.
- ~~40.~~ (Withdrawn) The computer-implemented method of claim 38, further comprising, receiving a selection of the link to bid on the selectable object, and thereafter allowing the user to bid on the selectable object.
- ~~41.~~ (Withdrawn) The computer-implemented method of claim 38, wherein at least one of the plurality of images is a virtual reality shot.

42. (Withdrawn) The computer-implemented method of claim 38, wherein at least one of the plurality of images is a video frame.

43. (Withdrawn) The computer-implemented method of claim 38, wherein the selectable object is indexed by an area that the selectable object occupies in an image containing the selectable object.

44. (Withdrawn) The computer-implemented method of claim 43, wherein the user selects the selectable object by clicking within the area that the selectable object occupies.

- 1 45. (Currently Amended) A computer-implemented method, comprising:
- displaying a virtual reality scene corresponding to a physical scene including a plurality of first objects, wherein the virtual reality scene is built from a plurality of images representing different views of the physical scene;
  - enabling a user to navigate within the virtual reality scene and observe the virtual reality scene from one or more perspectives of the different views;
  - displaying a selectable object within the virtual reality scene corresponding to one of the first objects, wherein the selectable object is built from a plurality of images of the object taken from different respective angles;
  - upon receiving a selection of the selectable object, displaying the object in a rotational view window, and enabling the user to navigate around the object and observe the object from a plurality of angles within the virtual reality scene; and
  - receiving a selection of the selectable object within the rotational view window, and displaying additional information related to the selectable object, wherein the additional information includes at least one of: a link to buy the selectable object and a link to bid on the selectable object.

- 2 46. (Previously Presented) The computer-implemented method of claim 45<sup>1</sup>, further comprising, while in the rotational view window, displaying command buttons operable to enable a virtual reality user to scroll left, right, up, and down, and zoom-in and zoom-out within one of the plurality of images of the object.

- 3 47. (Previously Presented) The computer-implemented method of claim 45<sup>1</sup>, wherein at least one of the plurality of images is a virtual reality shot.

4 48: (Previously Presented) The computer-implemented method of claim ~~45~~<sup>1</sup>, wherein at least one of the plurality of images is a video frame.

5 49: (Previously Presented) The computer-implemented method of claim ~~45~~<sup>1</sup>, wherein the selectable object is indexed by an area that the selectable object occupies in an image containing the selectable object.

6 50: (Previously Presented) The computer-implemented method of claim ~~49~~<sup>5</sup>, wherein the user selects the selectable object by clicking within the area that the selectable object occupies.

51: (Withdrawn) A computer-implemented method, comprising:

displaying a virtual scene corresponding to a physical scene including a plurality of first objects, wherein the virtual scene is built from a plurality of images representing different views of the physical scene;

enabling a user to navigate within the virtual scene and observe the virtual scene from one or more perspectives of the different views;

displaying two or more selectable objects within the virtual scene corresponding to the plurality of first objects;

receiving a selection of at least two selectable objects during a virtual reality presentation; and

after the presentation is completed, simultaneously displaying additional information related to the at least two selectable objects.

52: (Withdrawn) The computer-implemented method of claim 51, wherein the additional information is at least one of: a plurality of graphical images of one of the selectable objects, an enlarged still image of one of the selectable objects, a photograph of one of the selectable objects, a virtual reality presentation of one of the selectable objects, a video of one of the selectable objects, an audio description of one of the selectable objects, a textual description of one of the selectable objects, a link to buy one of the selectable objects, and a link to bid on one of the selectable objects.

53: (Withdrawn) The computer-implemented method of claim 51, wherein the additional information related to the at least two selectable objects is retrieved when the user selects a submit button.

54. (Withdrawn) The computer-implemented method of claim 51, wherein at least one of the plurality of images is a virtual reality shot.

55. (Withdrawn) The computer-implemented method of claim 51, wherein at least one of the plurality of images is a video frame.

56. (Withdrawn) The computer-implemented method of claim 51, wherein the two or more selectable objects are each indexed by an area that the respective selectable object occupies in an image containing the respective selectable object.

57. (Withdrawn) The computer-implemented method of claim 56, wherein the user selects the at least two selectable objects by clicking within the area that each selected selectable object occupies.

58. (Withdrawn) A computer readable storage medium storing one or more programs configured for execution by a computer, the one or more programs comprising instructions to:

- display a virtual scene corresponding to a physical scene including a plurality of first objects, wherein the virtual scene is built from a plurality of images representing different views of the physical scene;

- enable a user to navigate within the virtual scene and observe the virtual scene from one or more perspectives of the different views;

- display a selectable object within the virtual scene corresponding to one of the first objects;

- upon receiving a selection of the selectable object, display additional information related to the selectable object, wherein the additional information is at least one of: a plurality of graphical images of the selectable object, an enlarged still image of the selectable object, a photograph of the selectable object, a virtual reality presentation of the selectable object, a video of the selectable object, an audio description of the selectable object, a textual description of the selectable object, a link to buy the selectable object, and a link to bid on the selectable object; and

- electronically mail at least a portion of the displayed additional information related to the selectable object to a third party.

59- (Withdrawn) A computer readable storage medium storing one or more programs configured for execution by a computer, the one or more programs comprising instructions to:

display a virtual scene corresponding to a physical scene including a plurality of first objects, wherein the virtual scene is built from a plurality of images representing different views of the physical scene;

enable a user to navigate within the virtual scene and observe the virtual scene from one or more perspectives of the different views;

display command buttons operable to enable a virtual reality user to scroll left, right, up, and down, and zoom-in and zoom-out within one of the plurality of images;

display a selectable object within the virtual scene corresponding to one of the first objects;

upon receiving a selection of the selectable object, display additional information related to the selectable object, wherein the additional information is at least one of: a plurality of graphical images of the selectable object, an enlarged still image of the selectable object, a photograph of the selectable object, a virtual reality presentation of the selectable object, a video of the selectable object, an audio description of the selectable object, a textual description of the selectable object, a link to buy the selectable object, and a link to bid on the selectable object.

11 -60. (Currently Amended) The computer readable storage medium storing one or more programs configured for execution by a computer, the one or more programs comprising instructions to:

display a virtual reality scene corresponding to a physical scene including a plurality of first objects, wherein the virtual reality scene is built from a plurality of images representing different views of the physical scene;

enable a user to navigate within the virtual reality scene and observe the virtual reality scene from one or more perspectives of the different views;

display a selectable object within the virtual reality scene corresponding to one of the first objects, wherein the selectable object is built from a plurality of images of the object taken from different respective angles;

upon receiving a selection of the selectable object, display the object in a rotational view window, and enabling the user to navigate around the object and observe the object from a plurality of angles within the virtual reality scene; and

receive a selection of the selectable object within the rotational view window, and displaying additional information related to the selectable object, wherein the additional information includes at least one of: a link to buy the selectable object and a link to bid on the selectable object.

61- (Withdrawn) A computer readable storage medium storing one or more programs configured for execution by a computer, the one or more programs comprising instructions to:

display a virtual scene corresponding to a physical scene including a plurality of first objects, wherein the virtual scene is built from a plurality of images representing different views of the physical scene;

enable a user to navigate within the virtual scene and observe the virtual scene from one or more perspectives of the different views;

display two or more selectable objects within the virtual scene corresponding to the plurality of first objects;

receive a selection of at least two selectable objects during a virtual reality presentation; and

after the presentation is completed, simultaneously display additional information related to the at least two selectable objects.

7 62- (New) The computer-implemented method of claim <sup>1</sup>45, further comprising:  
receiving a selection of at least two selectable objects; and  
simultaneously displaying additional information related to the at least two selectable objects.

8 63- (New) The computer-implemented method of claim <sup>1</sup>45, further comprising:  
receiving a selection of at least two selectable objects; and  
retrieving and storing the selection, wherein the stored selection includes links to additional information regarding the at least two selectable objects.

9 64- (New) The computer-implemented method of claim <sup>8</sup>63, wherein the additional information related to the at least two selectable objects is retrieved and stored when the user selects a submit button.

10 65- (New) The computer-implemented method of claim <sup>1</sup>45, wherein the additional information further includes at least one of: a plurality of graphical images of one of the



selectable objects, an enlarged still image of one of the selectable objects, a photograph of one of the selectable objects, a virtual reality presentation of one of the selectable objects, a video of one of the selectable objects, an audio description of one of the selectable objects, and a textual description of one of the selectable objects.

12 ~~66.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, wherein each image has a unique image address.

13 ~~67.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, wherein the selectable object has a unique identification.

14 ~~68.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, further comprising: instructions to display in the rotational view window command buttons operable to enable a virtual reality user to scroll left, right, up, and down, and zoom-in and zoom-out within one of the plurality of images of the object.

15 ~~69.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, wherein at least one of the plurality of images is a virtual reality shot.

16 ~~70.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, wherein at least one of the plurality of images is a video frame.

17 ~~71.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, wherein the selectable object is indexed by an area that the selectable object occupies in an image containing the selectable object.

18 ~~72.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, wherein the user selects the selectable object by clicking within the area that the selectable object occupies.

19 ~~73.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, further comprising: instructions to:  
receive a selection of at least two selectable objects; and  
simultaneously display additional information related to the at least two selectable objects.

20 ~~74.~~ (New) The computer readable storage medium of claim <sup>11</sup>60, further comprising: instructions to:

receive a selection of at least two selectable objects; and  
retrieve and store the selection, wherein the stored selection includes links to  
additional information regarding the at least two selectable objects.

<sup>20</sup>  
21 75. (New) The computer readable storage medium of claim 74, wherein the additional  
information related to the at least two selectable objects is retrieved and stored when the user  
selects a submit button.

<sup>11</sup>  
22 76. (New) The computer readable storage medium of claim 60, wherein the additional  
information further includes at least one of: a plurality of graphical images of one of the  
selectable objects, an enlarged still image of one of the selectable objects, a photograph of  
one of the selectable objects, a virtual reality presentation of one of the selectable objects, a  
video of one of the selectable objects, an audio description of one of the selectable objects,  
and a textual description of one of the selectable objects.

*REMARKS*

This amendment responds to various recent conversations with the Examiner. With respect to all amendments, the Applicants have not dedicated or abandoned any cancelled, withdrawn, or unclaimed subject matter. Moreover, the Applicants have not acquiesced to any characterizations of the invention, nor any rejections or objections of the claims, made by the Examiner.

In light of the above amendments and remarks, the Applicant respectfully requests that the Examiner reconsider this application with a view towards allowance. The Examiner is invited to call the undersigned attorney at (650) 843-4000, if a telephone call could help resolve any remaining items.

Respectfully submitted,

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